

ABSTRACT OF THE DISCLOSURE

A fluorine-containing styrene monomer of the formula (2) is produced by a first, second or third process. The first process includes (a) reacting a compound of the formula (1) with a compound of the formula (3),
5 in the presence of a metal catalyst; (b) reacting the product of the step (a) with a base; and (c) reacting the product of the step (b) with hydrogen, in the presence of a metal catalyst and a phosphine or amine, thereby producing the target styrene monomer. The second process includes reacting a compound of the formula (1) with a compound of the formula
10 (12), in the presence of a metal catalyst, thereby producing the target styrene monomer. The third process includes reacting a compound of the formula (13) with a compound of the formula (14) or (15), in the presence of a base, thereby producing the target styrene monomer.

